

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	527	423/460.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/04 12:35
L2	276094	sidewall or sidewalls	US-PGPUB; USPAT	ADJ	ON	2008/08/04 12:35
L3	23765	diazonium	US-PGPUB; USPAT	ADJ	ON	2008/08/04 12:35
L4	30	1 and 2	US-PGPUB; USPAT	ADJ	ON	2008/08/04 12:35
L5	7	4 and 3	US-PGPUB; USPAT	ADJ	ON	2008/08/04 12:36
S1	10776	carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/11/28 11:38
S2	46	functionalizing carbon nanotube\$1	US-PGPUB; USPAT	ADJ	ON	2007/11/28 11:38
S3	4	organic functionalizing agent	US-PGPUB; USPAT	ADJ	ON	2007/11/28 11:38
S4	1643	organic agent	US-PGPUB; USPAT	ADJ	ON	2007/11/28 11:38
S5	928	functionalizing agent	US-PGPUB; USPAT	ADJ	ON	2007/11/28 11:38
S6	205	functionaliz\$3 near carbon nanotube\$1	US-PGPUB; USPAT	ADJ	ON	2007/11/28 14:38
S7	0	S6 and S4	US-PGPUB; USPAT	ADJ	ON	2007/11/28 14:52
S8	140	S6 and agent	US-PGPUB; USPAT	ADJ	ON	2007/11/28 14:52
S9	33	S6 same agent	US-PGPUB; USPAT	ADJ	ON	2007/11/28 14:53
S10	1	"7250147"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 17:32
S11	6	"5310532"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 10:50
S12	0	"7304103"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:36
S13	0	"7304103"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:37
S14	2	"20050074390"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:37
S15	0	"7304103".pn.	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:40

S16	0	("7304103.pn.").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/29 11:40
S17	0	("7304103").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/29 11:40
S18	0	("7304103.").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/29 11:40
S19	0	("7304103").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/29 11:41
S20	0	("7304103.pn.").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/29 11:41
S21	0	"7304103"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:41
S22	1	"20050207963"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:43
S23	1	"20050074613"	US-PGPUB; USPAT	ADJ	ON	2007/11/29 11:51
S24	10815	carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:24
S25	931	functionalizing agent	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:24
S26	59	S24 and S25	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:24
S27	235	functionalized nanotubes	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:35
S28	27559	derivatization	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:41
S29	389	S24 and S28	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:42
S30	19	S29 and S25	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:42
S31	22547	diazonium	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:48
S32	209	S24 and S31	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:48
S33	63	S24 same S31	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:48
S34	5	S24 near S31	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:49
S35	1	("5547748").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/03 17:49
S36	68	("5196396"   "5223479"   "5294602"   "5324495"). PN. OR ("5547748"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/03 17:53
S37	768	functional agent	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:56

S38	9	S24 and S37	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:56
S39	0	functionalized nanotube	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:58
S40	10815	carbon nanotubes	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:58
S41	1647	organic agent	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:59
S42	18	S24 and S41	US-PGPUB; USPAT	ADJ	ON	2007/12/03 17:59
S43	84	"5698175"	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:02
S44	72	("3989802"   "4009305"   "4816289"   "5346683"). PN. OR ("5698175"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/03 18:04
S45	1113	423/447.1	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:48
S46	0	423/447.100	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:48
S47	10307	"12" and carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:48
S48	418	S45 and carbon nanotube	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:48
S49	125	S48 and functionaliz\$	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:49
S50	3	S48 and functionalizing agent	US-PGPUB; USPAT	ADJ	ON	2007/12/04 09:49
S51	0	"10521903"	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:10
S52	0	process for functionalizing carbon nanotubes	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:10
S53	0	"process for functionalizing carbon nanotubes"	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11
S54	0	"process for functionalizing carbon nanotubes under solvent- free conditions"	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11
S55	10092	tour	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11
S56	1206	S55 and james	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11
S57	13	S56 and dyke	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11
S58	9	S57 and christopher	US-PGPUB; USPAT	ADJ	ON	2008/05/02 11:11

S59	715	423/447.1.ccls.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:43
S60	12259	"carbon nanotube" or "carbon nanotubes"	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:46
S61	0	S59 nd S60	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:50
S62	331	S59 and S60	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:50
S63	844231	functional or functionalize or functionalized or functionalizes or functionalizing or functionalization or functionalizations	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:50
S64	197	S62 and S63	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:51
S65	23357	diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:51
S66	19	S64 and S65	US-PGPUB; USPAT	ADJ	ON	2008/05/07 10:51
S67	94	977/847.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 14:59
S68	23357	diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 14:59
S69	7	S67 and S68	US-PGPUB; USPAT	ADJ	ON	2008/05/07 14:59
S70	215	977/842.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:32
S71	2	S70 and diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:32
S72	44	977/895.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:33
S73	1	S72 and diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:33
S74	126	977/896.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:35
S75	2	S74 and diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:35
S76	108	977/840.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:35
S77	1	S76 and diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:35
S78	320	423/447.4.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:36
S79	0	S78 and diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:36

S80	12259	"carbon nanotube" or "carbon nanotubes"	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:36
S81	23357	diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:37
S82	71444	aniline or "aniline derivative"	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:37
S83	728	S80 and (S81 or S82)	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:37
S84	538	"aryl diazonium salt" or "aryl diazonium"	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:38
S85	75	S83 and S84	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:38
S86	21	S83 and "sodium nitrite"	US-PGPUB; USPAT	ADJ	ON	2008/05/07 15:39
S87	12309	"carbon nanotube" or "carbon nanotubes"	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S88	23381	diazonium	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S89	71526	aniline or "aniline derivative"	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S90	730	S87 and (S88 or S89)	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S91	21	S90 and "sodium nitrite"	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S92	17	S91 and (sulfuric or acetic or hydrochloric or nitric or phosphoric or toluenesulphonic or trifluoroacetic)	US-PGPUB; USPAT	ADJ	ON	2008/05/08 09:32
S93	731	423/447.1.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:51
S94	23675	diazonium	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:52
S95	20	S93 and S94	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:53
S96	20	S95 and carbon	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:53
S97	276094	sidewall or sidewalls	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:53
S98	17	S96 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 11:53
S99	322	423/447.4.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:04
S100	0	S99 and S94	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:04
S101	1	S99 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:05

S102	113	977/840.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:05
S103	5	S102 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:05
S104	225	977/842.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:05
S105	16	S104 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:05
S106	1	S105 and S94	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:06
S107	96	977/847.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:09
S108	20	S107 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:09
S109	7	S108 and S94	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:09
S110	44	977/895.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:09
S111	2	S110 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:09
S112	127	977/896.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:10
S113	1	S112 and S97	US-PGPUB; USPAT	OR	OFF	2008/08/04 12:10

8/4/2008 12:36:54 PM

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